

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10591213
	Filing Date		2006-08-31
	First Named Inventor	LEARY, James	
	Art Unit	1648	
	Examiner Name	PENG, Bo	
	Attorney Docket Number	0021101-00445	

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1	BABINCOVA, M. and BABINEC, P. "Aerosolized VEGF in combination with intravenous magnetically targeted delivery of DNA-nanoparticle complex may increase efficiency of cystic fibrosis gene therapy." Medical hypotheses, 2006, Vol. 67, No. 4, p 1002.	<input type="checkbox"/>
2	BARTLETT, D. and DAVIS, M. "Physicochemical and Biological Characterization of Targeted, Nucleic Acid-Containing Nanoparticles." Bioconjugate Chem, 2007, 18, p 456-468.	<input type="checkbox"/>
3	BELLOCOQ, N., PUN, S., JENSEN, G. and DAVIS, M. "Transferrin-Containing, Cyclodextrin Polymer-Based Particles for Tumor-Targeted Gene Delivery." Bioconjugate Chem, 2003, 14, p 1122-1132.	<input type="checkbox"/>
4	BERGEN, J., VON RECUM, H., GOODMAN, T., MASSEY, A. and PUN, S. "Gold Nanoparticles as a Versatile Platform for Optimizing Physicochemical Parameters for Targeted Drug Delivery." Macromolecular Bioscience, 2006, 6, p 506-516.	<input type="checkbox"/>
5	BRANNON-PEPAS, L. and BLANCHETTE, J. "Nanoparticle and targeted systems for cancer therapy." Advanced Drug Delivery Reviews, 2004, 56, p 1649-1659.	<input type="checkbox"/>
6	DAI, H., JIANG, X., TAN, G., CHEN, Y., TORBENSON, M., LEONG, K. and MAO, H. "Chitosan-DNA nanoparticles delivered by intrabiliary infusion enhance liver-targeted gene delivery." Int J Nanomedicine, 2006, 1(4), p 507-522.	<input type="checkbox"/>
7	FARJO, R., SKAGGS, J., QUIAMBAO, A., COOPER, M. and NAASH, M. "Efficient Non-Viral Ocular Gene Transfer with Compacted DNA Nanoparticles." PLoS ONE 1(1): e38. 2006, p 1-8.	<input type="checkbox"/>
8	HATTORI, Y. and MAITANI, Y. "Folate-linked nanoparticle-mediated suicide gene therapy in human prostate cancer and nasopharyngeal cancer with herpes simplex virus thymidine kinase." Cancer Gene Therapy, 2005, Vol. 12, p 796-809.	<input type="checkbox"/>
9	HAYES, M., DRUMMOND, D., HONG, K., ZHENG, W., KHOROSHEVA, V., COHEN, J., NOBLE IV, C., PARK, J., MARKS, J., BENZ, C. and KIRPOTIN, D. "Increased Target Specificity of Anti-HER2 Genospheres by Modification of Surface Charge and Degree of PEGylation." Molecular Pharmaceuticals, 2006, Vol. 3, No. 6, p. 726-736.	<input type="checkbox"/>
10	HONG, S., LEROUAIL, P., MAJOROS, I., ORR, B., BAKER, Jr, J. and BANASZAK HOLL, M. "The Binding Avidity of a Nanoparticle-Based Multivalent Targeted Drug Delivery Platform." Chemistry & Biology, 2007, 14, p 107-115.	<input type="checkbox"/>
11	JIN, S. and YE, K. "Nanoparticle-Mediated Drug Delivery and Gene Therapy." Biotechnology Progress, 2007, 23, p 32-41.	<input type="checkbox"/>

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12	KAUL, G. and AMIJI M. "Tumor-Targeted Gene Delivery Using Poly(Ethylene Glycol)-Modified Gelatin Nanoparticles: In Vitro and in Vivo Studies." Pharmaceutical Research, 2005, Vol. 22, No. 6, p 951-961.	<input type="checkbox"/>
13	KICKHOEFER, V., GARCIA, Y., MIKYAS, Y., JOHANSSON, E., ZHOU, J., RAVAL-FERNANDES, S., MINOOFAR, P., ZINK, J., DUNN, B., STEWART, P. and ROME, L. "Engineering of vault nanocapsules with enzymatic and fluorescent properties." PNA, 2005, Vol. 102, No. 12, p 4348-4352.	<input type="checkbox"/>
14	MONDALEK, F., ZHANG, Y., KROPP, B., KOPKE, R., GE, X., JACKSON, R. and DORMER, K. "The permeability of SPION over an artificial three-layer membrane is enhanced by external magnetic field." Journal of Nanobiotechnology, 2006, Vol. 4, No. 4.	<input type="checkbox"/>
15	MYC, A., MAJOROS, I., THOMAS, T. and BAKER, Jr., J. "Dendrimer-Based Targeted Delivery of an Apoptotic Sensor in Cancer Cells." Biomacromolecules, 2007, 8, p 13-18.	<input type="checkbox"/>
16	PEDERESEN, N., HANSEN, S., HEYDENREICH, A., KRISTENSEN, H. and POULSEN, H. "Solid lipid nanoparticles can effectively bind DNA, streptavidin and biotinylated ligands." European Journal of Pharmaceutics and Biopharmaceutics, 2006, p 155-162.	<input type="checkbox"/>
17	PENG, W., ANDERSON, D., BAO, Y., PADERA Jr., R., LANGER, R. and SAWICKI, J. "Nanoparticulate Delivery of Suicide DNA to Murine Prostate and Prostate Tumors." The Prostate, 2007, Vol. 67, Issue 8, p 855-862.	<input type="checkbox"/>
18	RATY, J., LIIMATAINEN, T., WIRTH, T., AIRENNE, K., IHALAINEN, T., HUHTALA, T., HAMERLYNCK, E., VIHINEN-RANTA, M., NARVANEN, A., YLA-HERTTUALA, S. and HAKUMAKI, J. "Magnetic resonance imaging of viral particle biodistribution in vivo." Gene Therapy, 2006, Vol. 13, p 1440-1446.	<input type="checkbox"/>
19	SCHIFFELERS, R., ANSARI, A., XU, J., ZHOU, Q., TANG, Q., STORM, G., MOLEMA, G., LU, P., SCARIA, P. and WOODLE, M. "Cancer siRNA therapy by tumor selective delivery with ligand-targeted sterically stabilized nanoparticle." Nucleic Acids Research, 2004, Vol. 32, No. 19.	<input type="checkbox"/>
20	SHI, X., WANG, S., MESHINCHI, S., VAN ANTWERP, M., BI, X., LEE, I. and BAKER Jr., J. "Dendrimer-Entrapped Gold Nanoparticles as a Platform for Cancer-Cell Targeting and Imaging." Small, 2007, Vol. 3, No. 7, p 1245-1252.	<input type="checkbox"/>
21	SHUKLA, R., THOMAS, T., PETERS, J., DESAI, A., KUKOWSKA-LATALLO, J., PATRI A., KOTLYAR A. and BAKER Jr., J. "HER2 Specific Tumor Targeting with Dendrimer Conjugated Anti-HER2 mAb." Bioconjugate Chemistry, 2006, Vol. 17, No. 5, p 1109-1115.	<input type="checkbox"/>
22	TAN, K., CHEANG, P., HO, I., LAM, P. and HUI, K. "Nanosized bioceramic particles could function as efficient gene delivery vehicles with target specificity for the spleen." Gene Therapy, 2007, Vol. 14, p 828-835.	<input type="checkbox"/>

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23	TAN, W., JIANG, S. and ZHANG, Y. "Quantum-dot based nanoparticles for targeted silencing of HER2/neu gene via RNA interference." Biomaterials, 2007, 28, p 1565-1571.	<input type="checkbox"/>
24	YANG, Y., WANG, Y., POWELL, R. and CHAN, P. "Polymeric Core-Shell Nanoparticles for Therapeutics." Clinical and Experimental Pharmacology and Physiology, 2006, Vol. 33, p 557-562.	<input type="checkbox"/>

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